



DURACON® TW-31			
(POM+PE)-MD15			Polyplastics
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	47	MPa	ISO 527-1/-2
Strain at break	10	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	3.3	kJ/m²	ISO 179/1eA
Flexural modulus (23°C)	3450	MPa	ISO 178
Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	90	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	100	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	100	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
UL recognition	UL	-	-
Other properties	Value	Unit	Test Standard
ISO Data			
Water absorption	0.5	%	Sim. to ISO 62
Density	1470	kg/m³	ISO 1183
Characteristics			
Features			
Low Warpage, Copolymer			